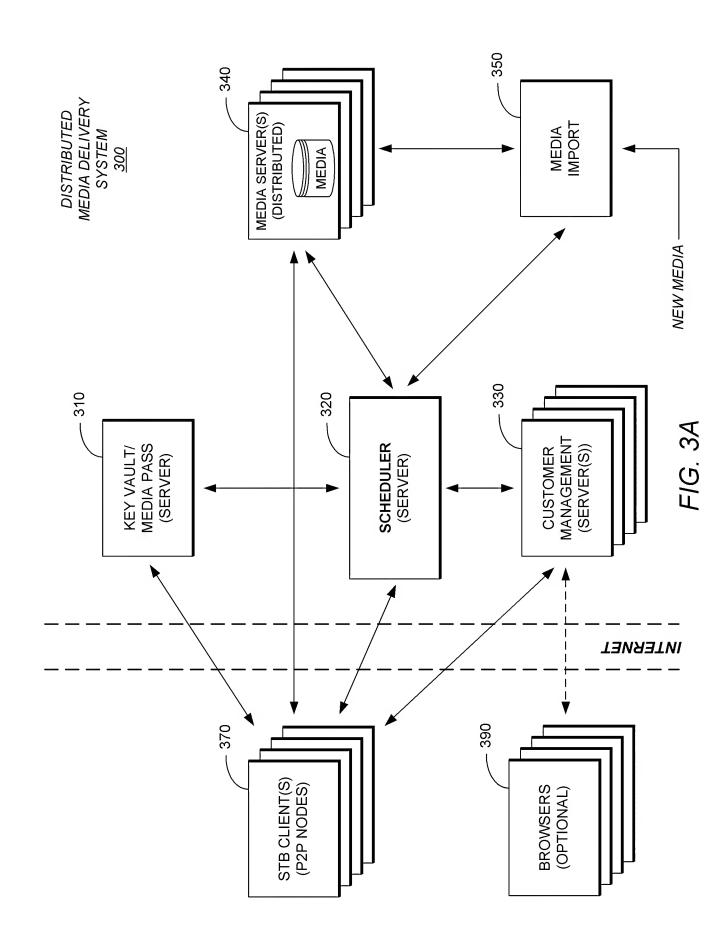
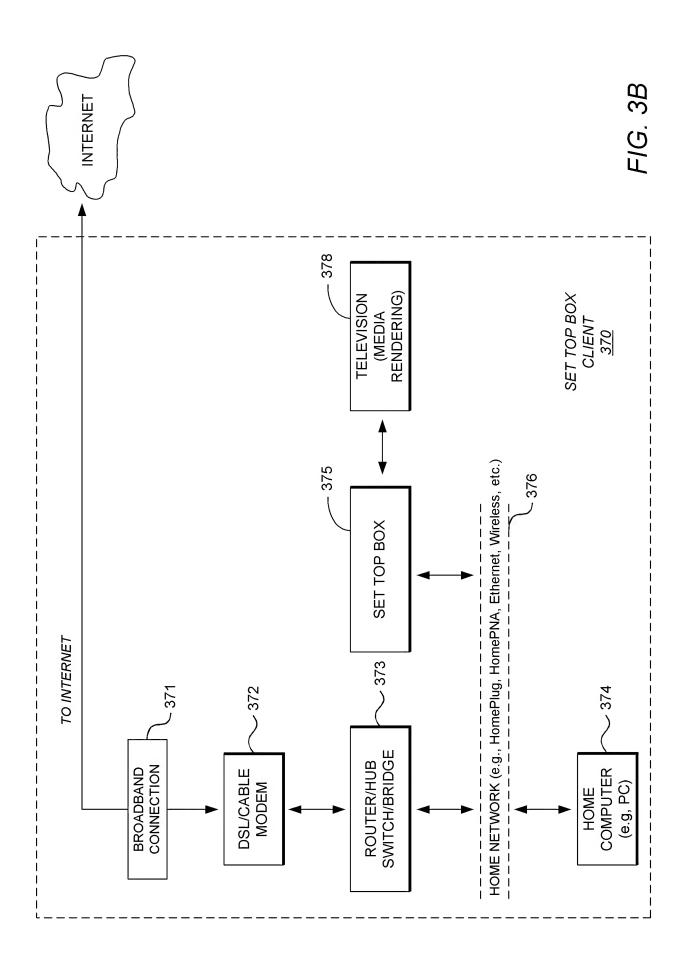
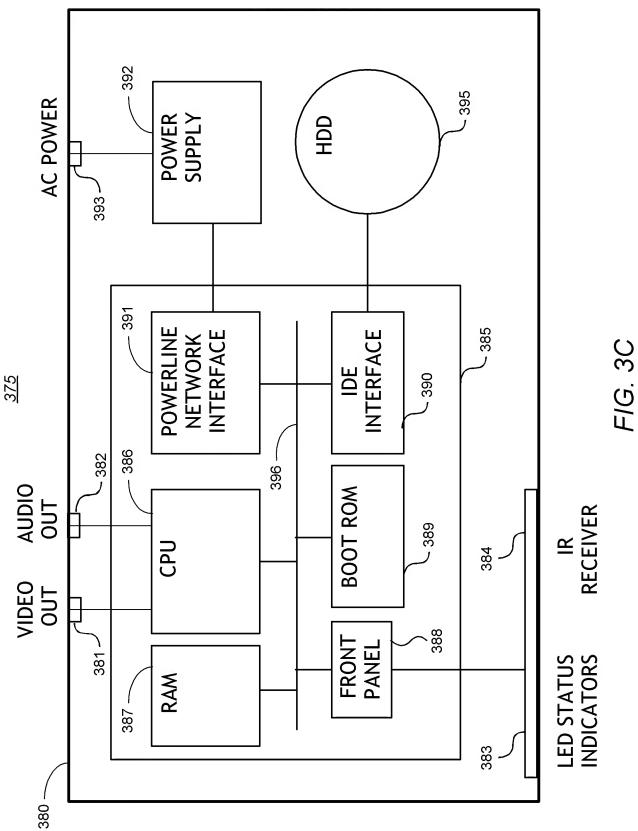


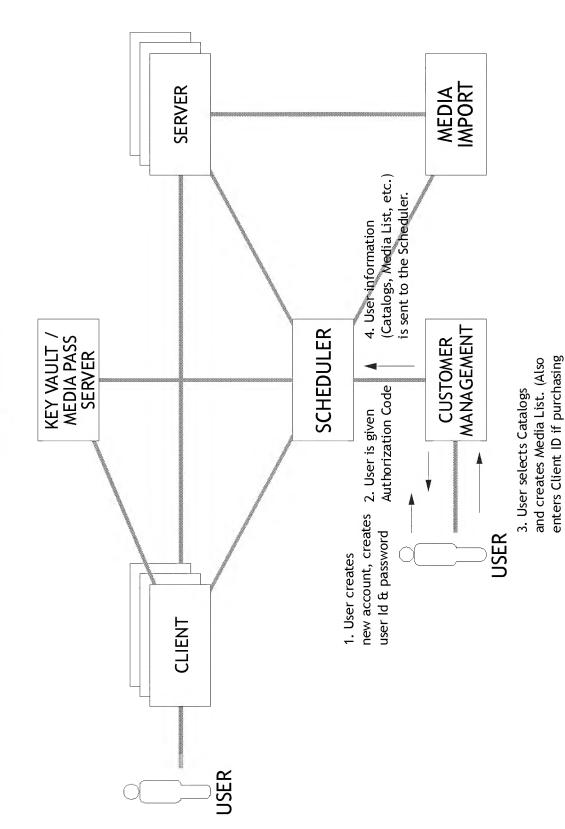
FIG. 2







NEW USER



F/G. 4

from a retail outlet)

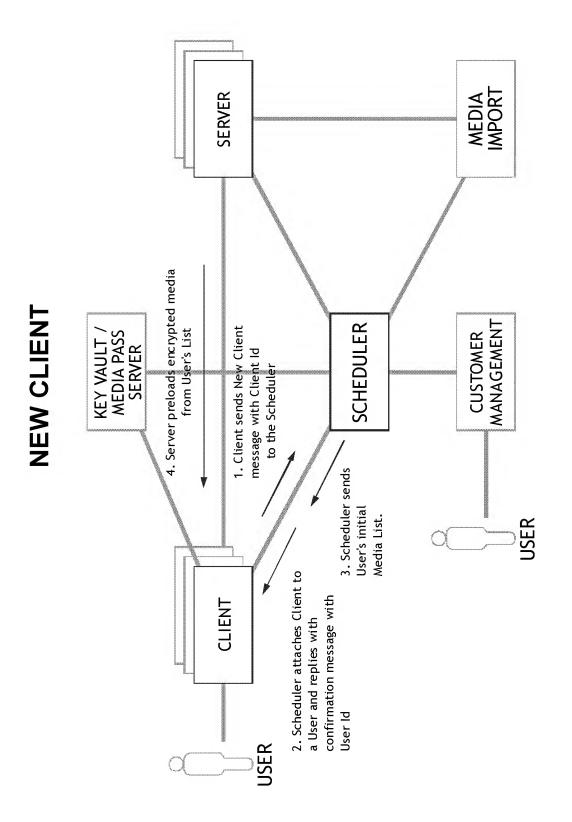
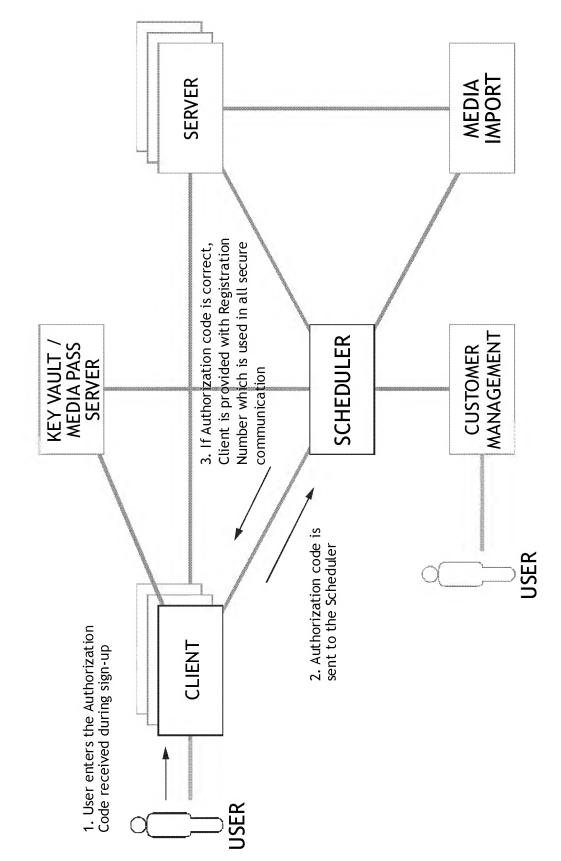
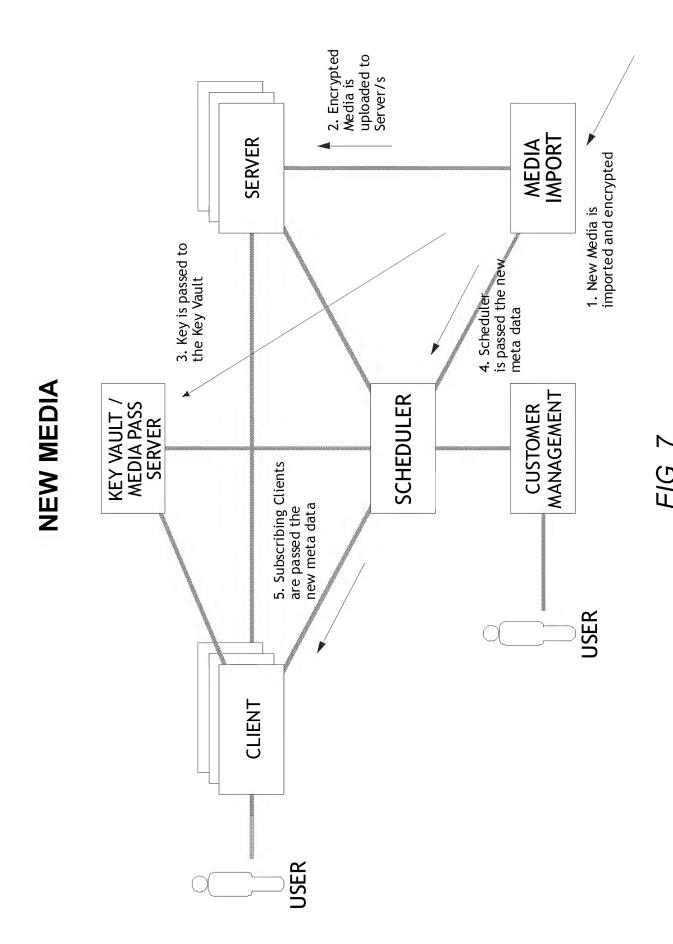


FIG. 5

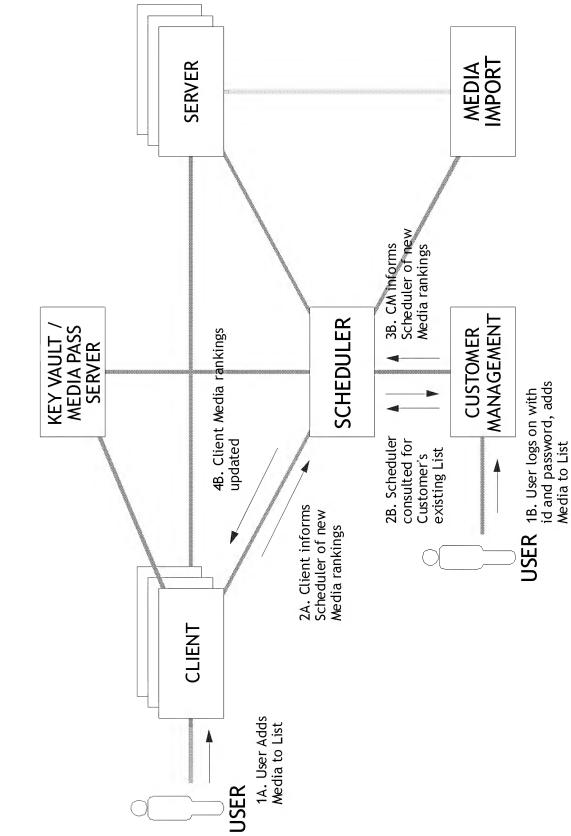
USER RECEIVES CLIENT



F/G. 6



USER ADDS MEDIA TO LIST



F/G. 8A

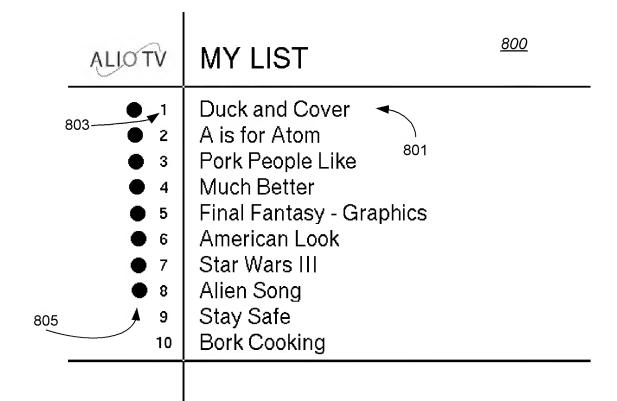


FIG. 8B

Ī

ALIOTV	MY LIST	<u>800a</u>
 1 2 3 4 5 6 7 8 9 10 	Duck and Cover A is for Atom Pork People Like Much Better Final Fantasy - Graphics American Look Star Wars III Alien Song Stay Safe Bork Cooking	

FIG. 8C



FIG. 8D

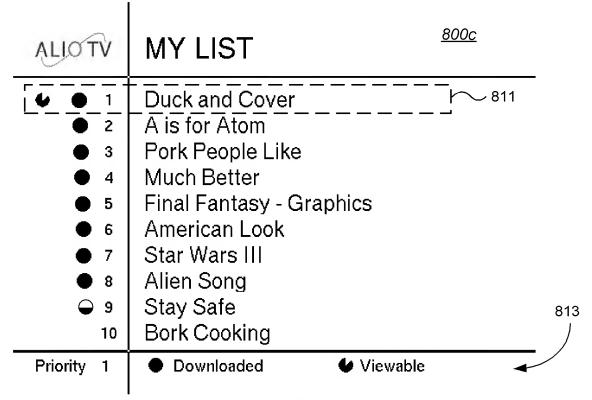


FIG. 8E

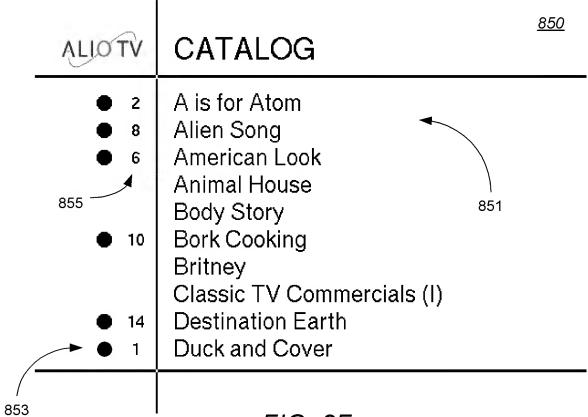


FIG. 8F

USER RE-ARRANGES LIST

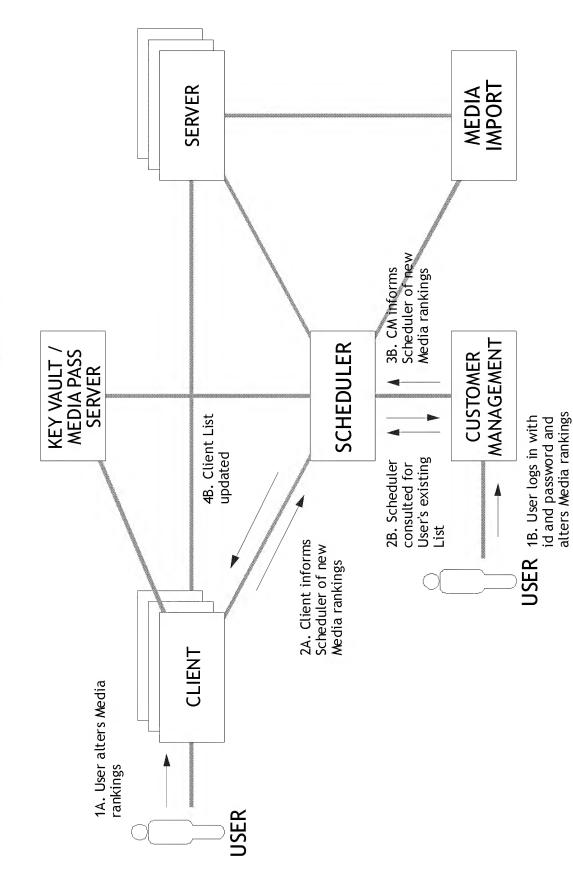
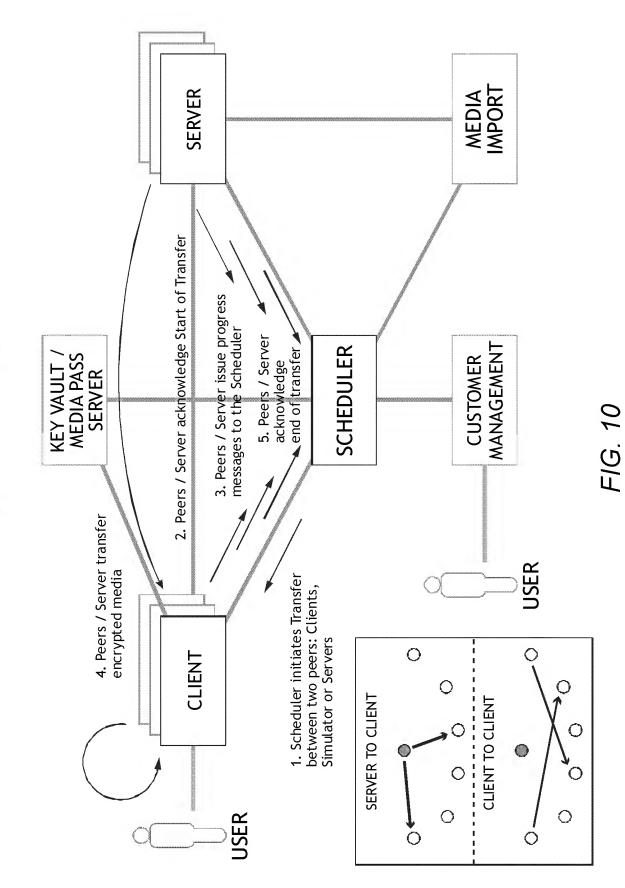


FIG. 9

MEDIA TRANSFER



USER REQUESTS MOVIE PURCHASE

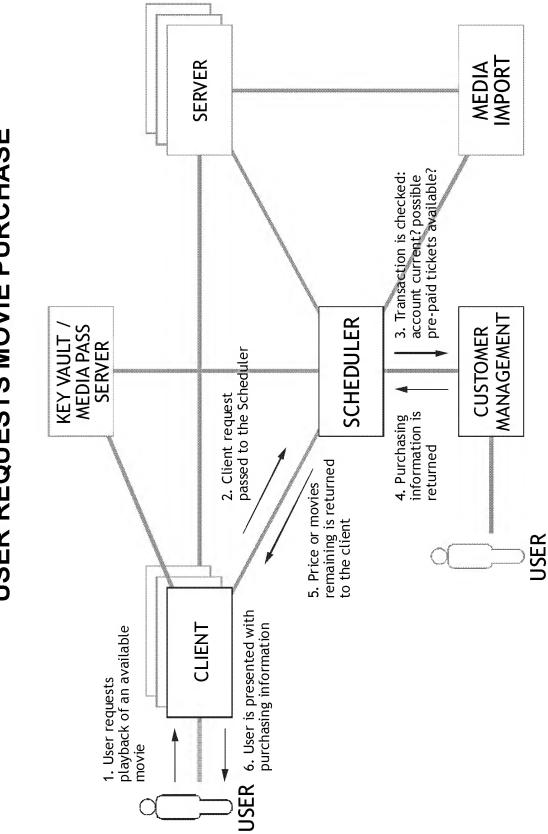


FIG. 11

PLAYBACK

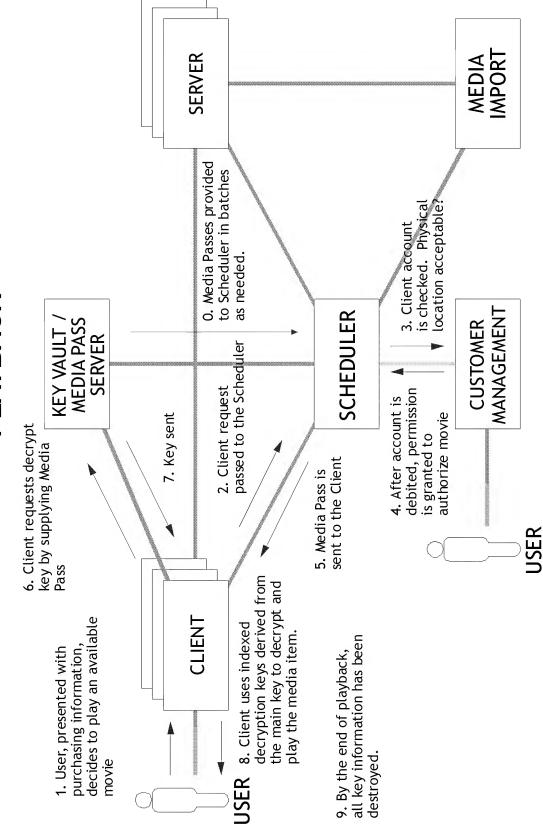


FIG. 12

SECURE CLIENT - BOOT PROCESS

1. Initial Stage I Boot (B1) from **Boot ROM**

8

HD

4A.

CPU

CLIENT

2. Public Key **BOOT ROM**

& App) signature (S) is (PK) read from

4A. If signature is verified, Stage II boot (B2) continues from HDD, application 3. HDD Code Image (B2 **MOTHERBOARD**

B A B B

BOOT ROM

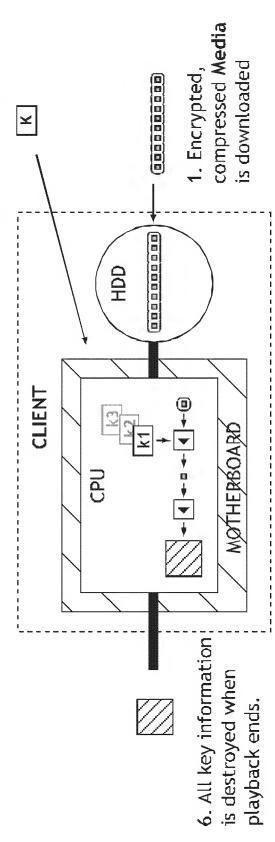
4B. If signature does not verify, fallback code (**B2**') is used from **Boot ROM**. System will require service.

execution (App) commences.

verified with public key

SECURE CLIENT - PLAYBACK

After the Media Pass negotiation, Key (K) is delivered to the Client



5. Each frame is decompressed 4. (on-chip SW or HW). Decrypted, fracompressed media *never* in appears outside CPU

 Media is decrypted frame by frame with indexed decryption keys (k1, k2, k3, ...)

2. Media is stored on HDD

PLAYBACK

FIG. 14

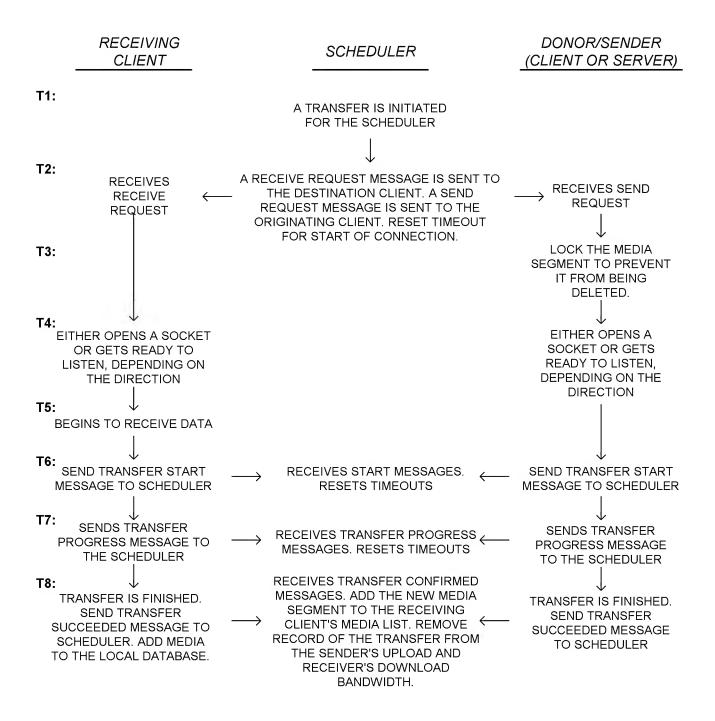


FIG. 15A

ONE TIMES OUT

RECEIVING DONOR/SENDER SCHEDULER CLIENT (CLIENT OR SERVER) T1: TIMEOUT EXPIRES FOR ONE OF THE COMMUNICANTS T2: ADD STATUS JOB FOR THE CLIENT ON TO THE JOB QUEUE. T3: PLACE CLIENT ON STATUS HOLD (PREVENTING FURTHER JOB ALLOCATIONS) FIG. 15B **BOTH TIME OUT** RECEIVING DONOR/SENDER **SCHEDULER** (CLIENT OR SERVER) CLIENT T1: TIMEOUT EXPIRES FOR **BOTH** SENDER AND RECEIVER T2: MAY OR MAY NOT MAY OR MAY NOT SEND TRANSFER CANCEL RECEIVE THE CANCEL RECEIVE THE CANCEL MESSAGES TO BOTH PARTIES REQUEST REQUEST T3: RESET THE JOB SO IT MAY BE RE-ALLOCATED

FIG. 15C

TRANSFER FAILED

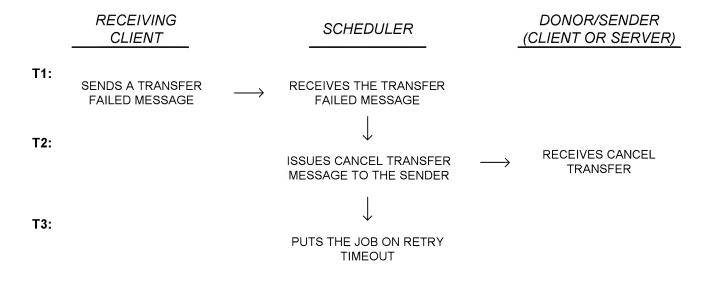


FIG. 15D